

THIS IS A MULTI-OCCUPANCY CLASSIFICATION WITH AN OCCUPANT LOAD OF LESS THAN 500 OR MORE THAN 100 PERSONS ABOVE OR BELOW THE LOWEST LEVEL OF EGRESS OR DISCHARGE. A FULL VISUAL NOTIFICATION SYSTEM IS NOT REQUIRED.

B. MANUAL PULL STATIONS SHALL BE INSTALLED PER NFPA 72.

C. FIRE ALARM SYSTEM SHALL HAVE SPARE CAPACITY FOR ADDITIONS AND/OR MODIFICATION TO NOTIFICATION APPLIANCE CIRCUITS AND INITIATING CIRCUITS.

D. NOTIFICATION APPLIANCES (AUDIBLE AND VISUAL) SHALL BE SYNCHRONIZED PER NFPA 72 REQUIREMENTS.

E. SEPARATE 120V POWER CIRCUITS ARE TO BE USED FOR DUCT SMOKE DETECTORS (N-DUCT FOR SMOKE TUBE TYPE). DO NOT CONNECT TO THE 120V POWER CIRCUIT FOR THE CIRCUITS FOR DAMPERS & DOOR HOLDERS, OR THE CIRCUITS FOR POWER EXTENDER PANELS.

F. SHOP DRAWINGS SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION (A/H) PRIOR TO THE INSTALLATION OF ANY CONDUIT OR CONDUIT FITTING. A SET OF APPROVED PLANS SHALL BE MAINTAINED AT THE JOB SITE AT ALL TIMES.

G. ALL FIRE ALARM CABLE IS TO BE ATTACHED/SUPPORTED TO STRUCTURE INDEPENDENTLY AND NOT ATTACHED TO OTHER HANGERS OR EQUIPMENT, OR IS TO BE INSTALLED IN CONDUIT.

H. FIRE ALARM SYSTEM BOXES AND CONDUIT IN AREAS NOT WITHIN PUBLIC VIEW SHALL BE PAINTED RED OR OTHERWISE MARKED AS REQUIRED BY NFPA 72. ALL FIRE ALARM EQUIPMENT IN PUBLIC VIEW IS TO BE PROVIDED WITH THE MANUFACTURER APPLIED CUSTOM COLOR DESIGNATED BY THE ARCHITECT.

I. COORDINATE WITH MECHANICAL CONTRACTOR REGARDING DUCT DETECTORS. IF DUCT DETECTORS ARE REQUIRED, THEY SHALL HAVE AN ACCESS/REMOVAL HATCH PER NFPA 72. EXISTING CONNECTIONS TO THE EXISTING FIRE ALARM CONTROL PANEL MEET NFPA 72 REQUIREMENTS. DUCT DETECTORS TO BE POWERED BY OTHERS (NOT THE PACP).

J. FIRE ALARM SYSTEM SHALL HAVE EXPANSION SPACE FOR DETECTORS AND NOTIFICATION APPLIANCES. NAC PANELS MAY BE REQUIRED (NAC). CONTRACTOR SHALL INDICATE THE LOCATION OF THE DETECTORS, FURNISH AND INSTALL A SMOKE TUBE DETECTOR TO COMPLY WITH CODE REQUIREMENTS.

K. CONTRACTOR SHALL COORDINATE WITH CAMPUS SYSTEM DURING THE DESIGN PHASE AND PROVIDE A FIRE ALARM SYSTEM THAT IS PEER TO PEER AND NETWORKABLE WITH THE EXISTING SYSTEM (EDWARDS).

L. FIRE ALARM CONTROL PANEL AND ASSOCIATED EQUIPMENT THAT RECEIVES 120V SHALL BE ON A DEDICATED BRANCH CIRCUIT, BE A LOAD-ON-THE-BRANCH CIRCUIT, BE PAINTED RED AND BE ON THE GENERATOR BACK UP SYSTEM.

1. SMOKE DETECTOR LOCATED IN LOBBY FOR ELEVATOR RECALL.
2. CONTRACTOR TO COORDINATE WITH FIRE SPRINKLER CONTRACTOR TO VERIFY QUANTITY AND LOCATION OF FIRE SPRINKLER RISER. FURNISH AND INSTALL TAMPER AND FLOW SWITCHES AS REQUIRED.
3. COORDINATE WATER FLOW BELL LOCATION AND REQUIREMENTS PRIOR TO INSTALLATION.
4. FURNISH AND INSTALL AN IN DUCT OR SAMPLE TUBE TYPE SMOKE DETECTOR FOR HVAC SHUTDOWN AS REQUIRED BY CODE.



THESE ENGINEERED DRAWINGS ARE TO DEFINE THE DESIGN CONCEPT FOR WORKING PLAN PREPARATION BY OTHERS. FIRE ALARM CONTRACTOR SHALL PROVIDE A COMPLETE SET OF SHOP DRAWINGS FOR TENANT IMPROVEMENTS INCLUDING BUT NOT LIMITED TO APPLIANCE/DEVICE LAOUT, WIRING, EQUIPMENT ADDRESSES, WIRING DIAGRAMS, BATTERY CALCULATIONS, I/O MATRIX, ONE LINE DIAGRAM, SUBMITTALS, EXISTING SYSTEM TIE IN DIAGRAMS AND EQUIPMENT COMPATIBILITY DOCUMENTATION. CONTRACTOR IS RESPONSIBLE TO OBTAIN A SUBMITTER LETTER FROM THE FIRE ALARM ENGINEER, CERTIFYING THE SHOP DRAWINGS ARE IN ACCORDANCE WITH THE DESIGN CONCEPT. REVIEW LETTER SHALL BE SUBMITTED WITH WORKING PLANS TO APPROPRIATE JURISDICTIONAL AUTHORITIES AND INTERESTED PARTIES.

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LOCATION	BOISE, IDAHO
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